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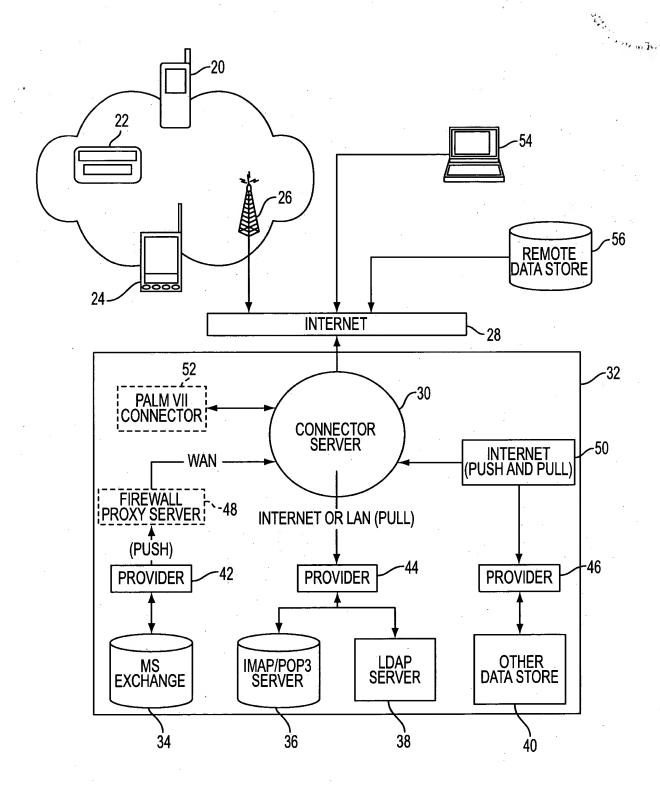
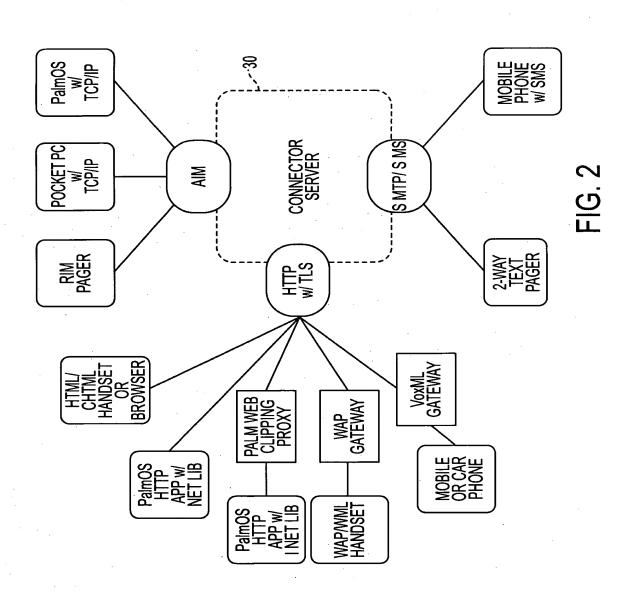
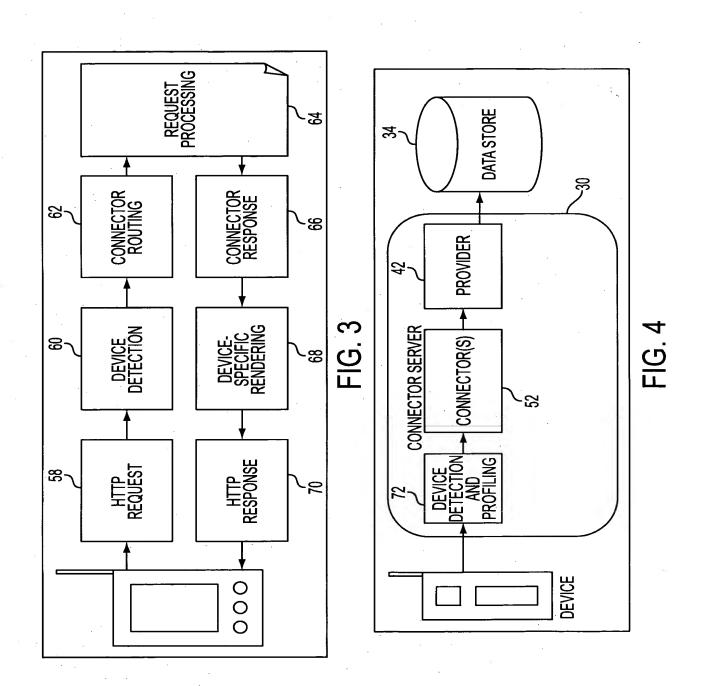


FIG. 1

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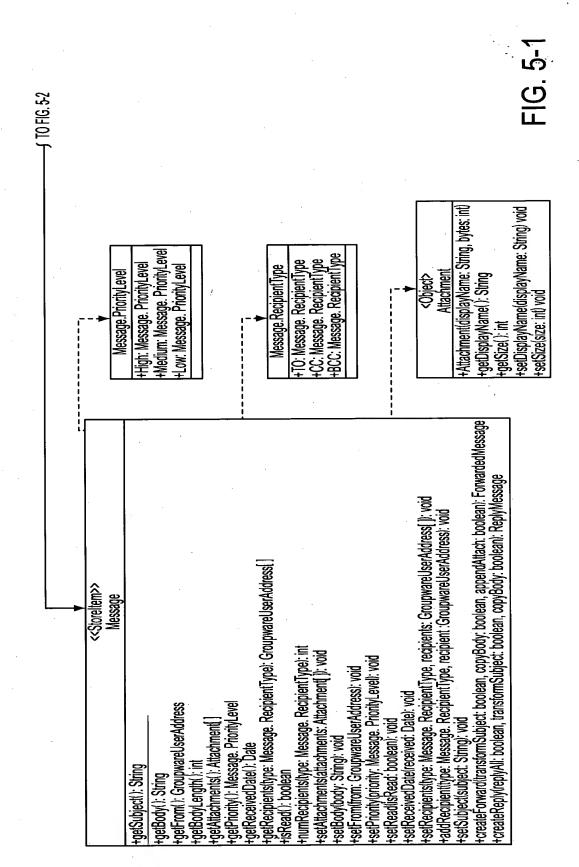
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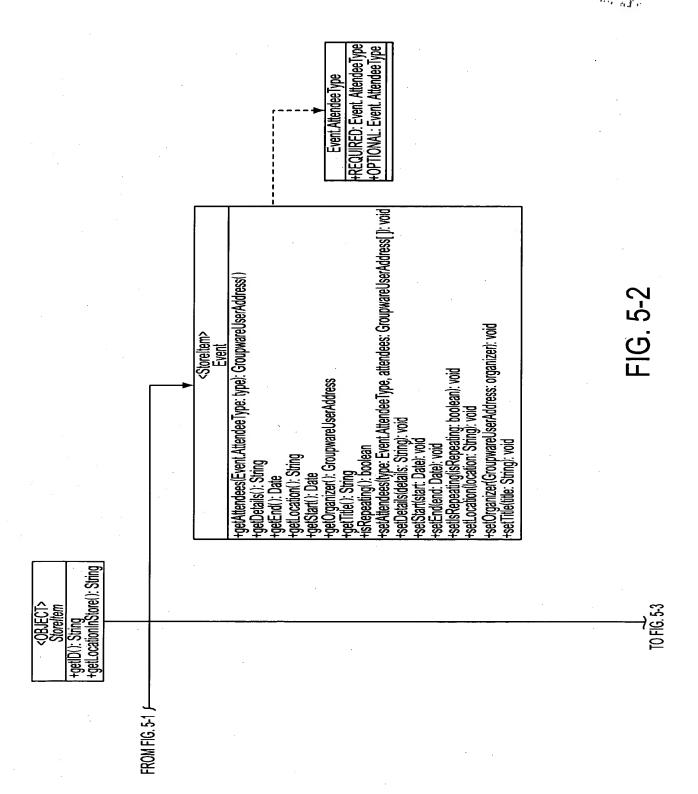
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inventors: Natnaniai A. Preitas, et ai. Title: SOFTWARE ARCHITECTURE FOR WIRELESS..... U.S. Application No.: 09/759,204 Filed: 1/16/01 Sheet 6 of 25 tsetDetalis(details: String): void tsetEmailAddresses(adresses: Contact. Email Address []): void setPhysicalAddresses(addresses: Contact. PhysicalAddress) setPhoneNumbers(phoneNumbers: Contact. PhoneNumberf +getFirstName(): String +getLastName(): String +getFullName(): String +getJob Title(): String +getPhoneNumbers(): Contact. Phone Number[] +getPhysicalAddresses(): Contact. PhysicalAddress[] etEmailAddresses(): Contact. EmailAddress[setFirstName(firstName: String): void setLastName(lastName; String): void setCompany(company: String): voic -setJobTitle(jobTitle: String): voic setFullName(fullName: String) setWebsite(url: String): void etWebsite(): String setAttachments(attachments: Attachment[]): void Groupware User Address (type: String, display. String, address: String +GroupwareUserSMTPAddress(display: String, address: String) getPoster(): GroupwareUserAddress getSubject(): String setPosfedDate(posfed: Date): void setRead(isRead: boolean): void !Attachments(): Attachment[GroupwareUserSMTPAddress setBody(body: String): voic (PostedDate(): Date GroupwareUserAddress sRead(): boolean +getType(): String +getDisplayName(): String +setAddress(): String setDisplayName(): String jetAddress(): String NORMAL: Task. Príority Level setType(): String 11GH: Task. PriorityLevel LOW: Task. Priority Level ask. Priority Level etAssignedTo(assignedTo: GroupwareUserAddressI I): void \ addAssignedTo(assignee: GroupwareUserAddress): void FIG. 5-3 jetAssignedTo(): GroupwareUserAddress[

setPriority(priority: Task. PriorityLeve setStartDatet(start: Date): void

setTitle(title: String): void

setDueDatet(dueDate: Date): void

setCompletion(percent: int): void setDetails(details: String): void

getPriority(): Task. Prioril getStartDate(): Date

etTitle(): String

etDetails(): Strinc etDueDate(): Dat

<Storeltem> Contact

<Storeltem> Task

FROM FIG. 5-2

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FROM FIG. 5-3:----

Contact.EmailAddress

+Contact. EmailAddress(description: String, address: GroupwareUserSMTPAddress) +getAddress(): GroupwareUserSMTPAddress

+getDescription(): String

FROM FIG. 5-3 %

Contact.PhysicalAddress

+HOME_DESC: String

+WORK DESC: String

+OTHER_DESC: String

+Contact. PhysicalAddress(description: String, street1: String, street2: String, city: String, state_prov: String, zip_postal: String, country

+getCity(): String

+getCountry(): String

+getDescription(): String

+getStateProv(): String

+getStreet1(): String

+getStreet2(): String

+getZipPostal(): String

FROM FIG. 5-3 &

Contact.PhoneNumber

+ASSISTANT_DESC: String

+CALLBACK_DESC: String

+CAR_DESC: String +CELL_DESC: String

+COMPANY DESC: String

|+HOME_DESC: String

+HOME2_DESC: String +HOMEFAX_DESC: String

+ISDN_DESC: String

+OTHER_DESC: String +PAGER_DESC: String

+PRIMARY_DESC: String

+RADIO_DESC: String

+TELEX_DESC: String

+TTY_DESC: String

+WORK_DESC: String

+WORK2_DESC: String

+WORKFAX DESC: String

+Contact. PhoneNumber(description: String, number: String)

+getDescription(): String

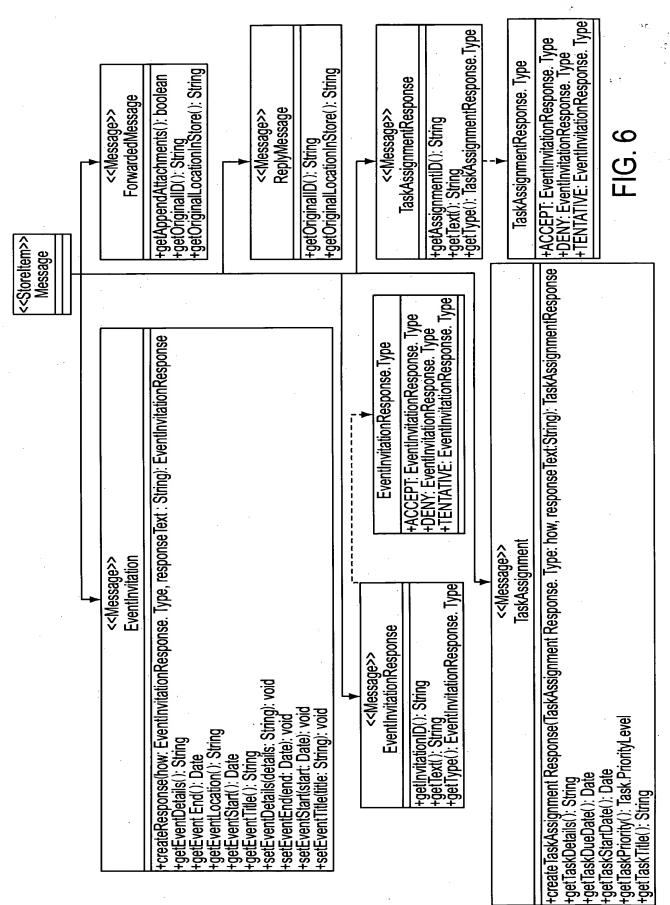
+getNumber(): String

FIG. 5-4

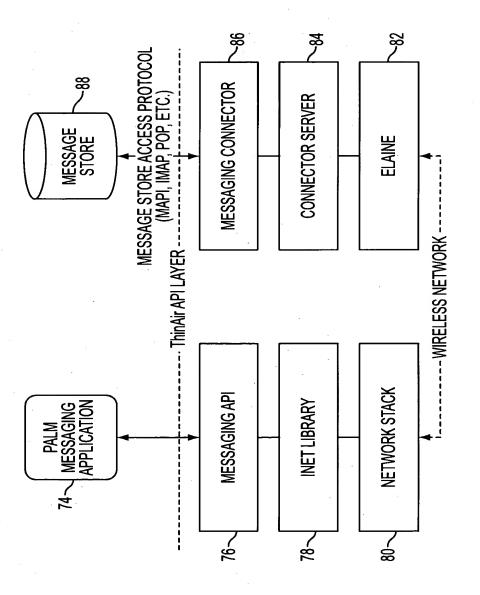
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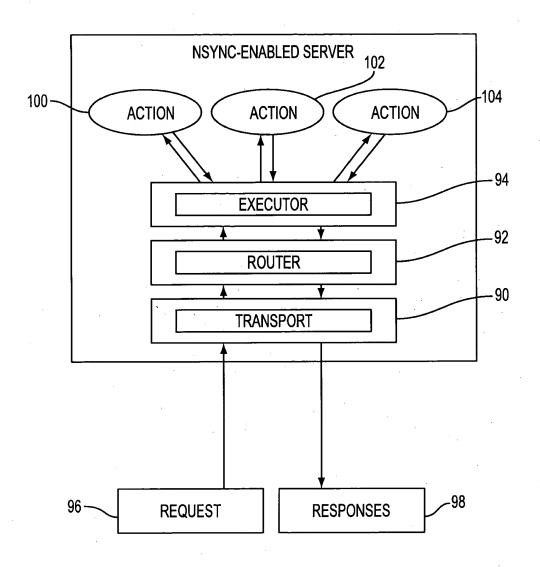


FIG. 8

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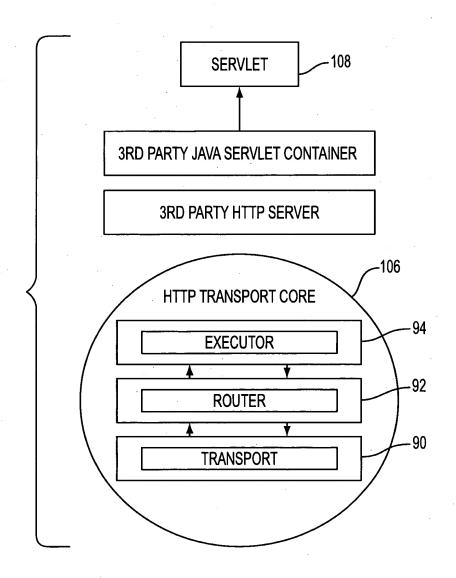
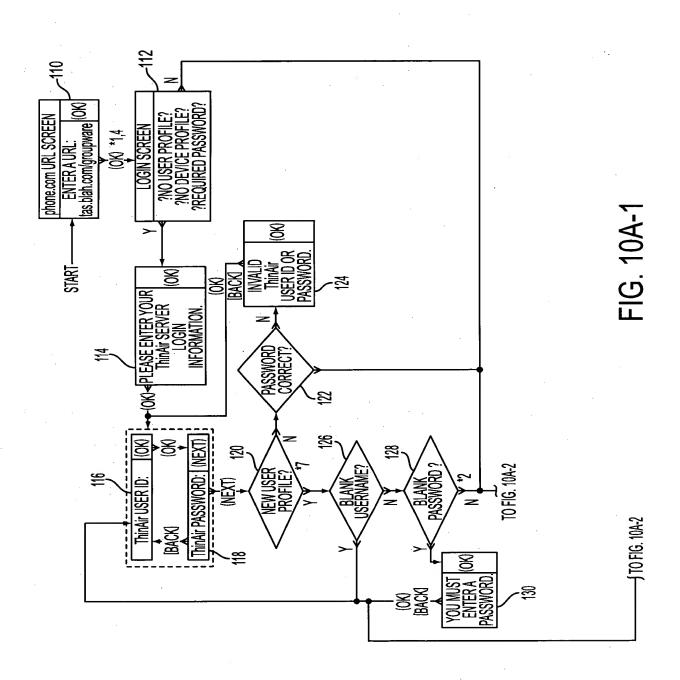


FIG. 9

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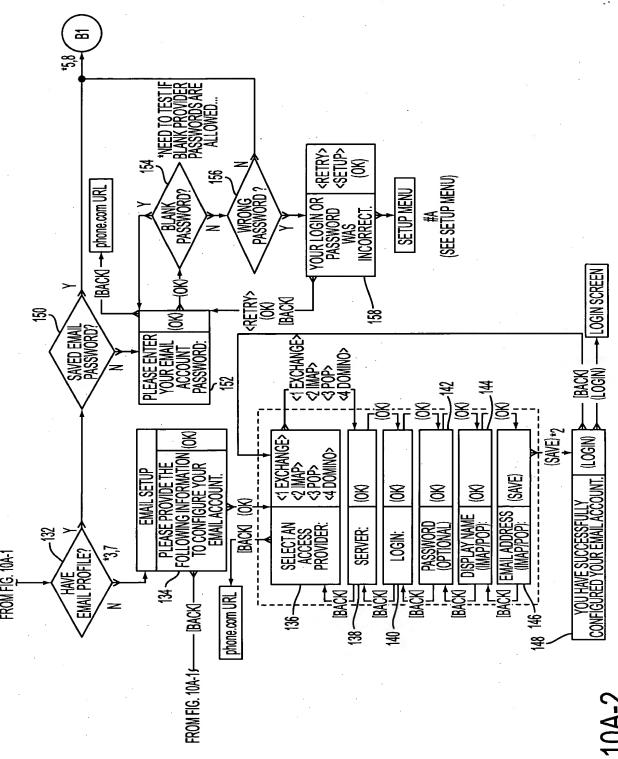


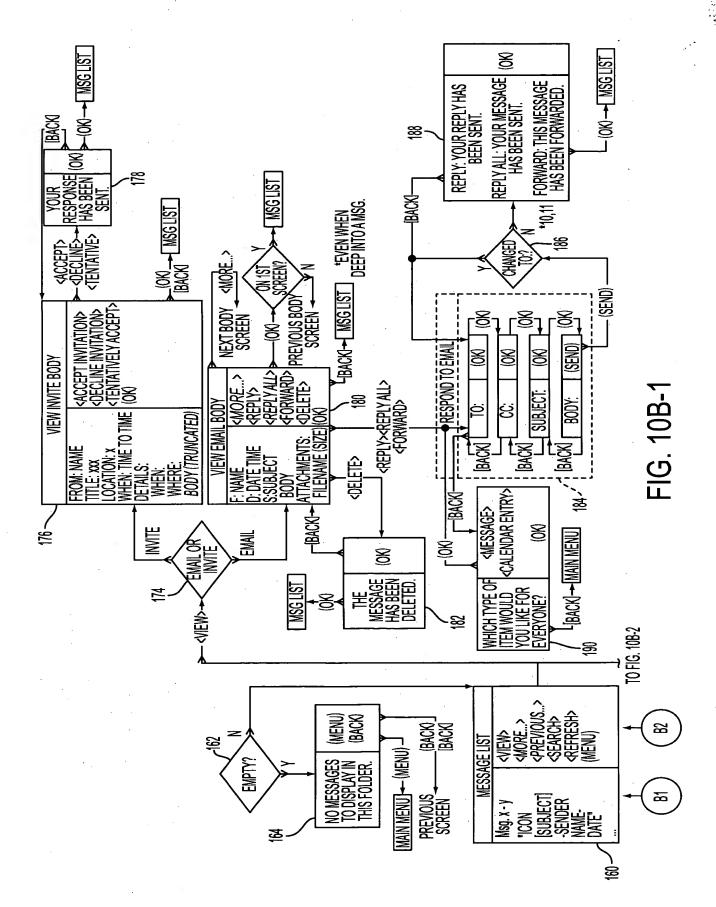
FIG. 10A-2

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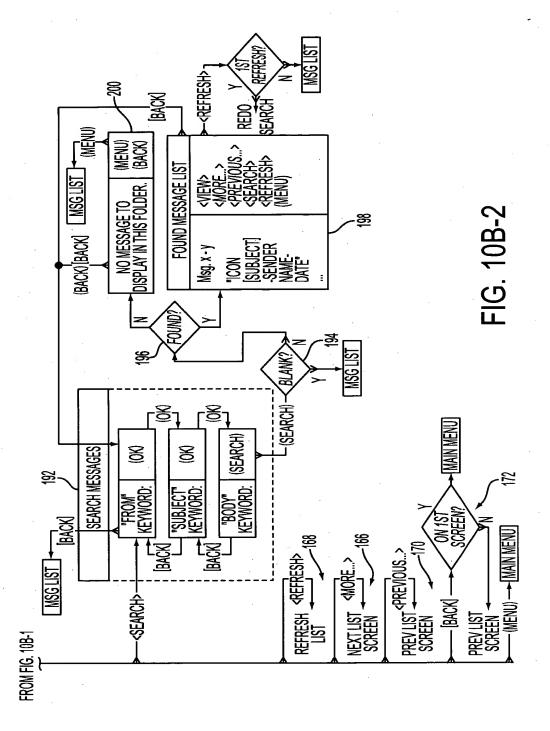
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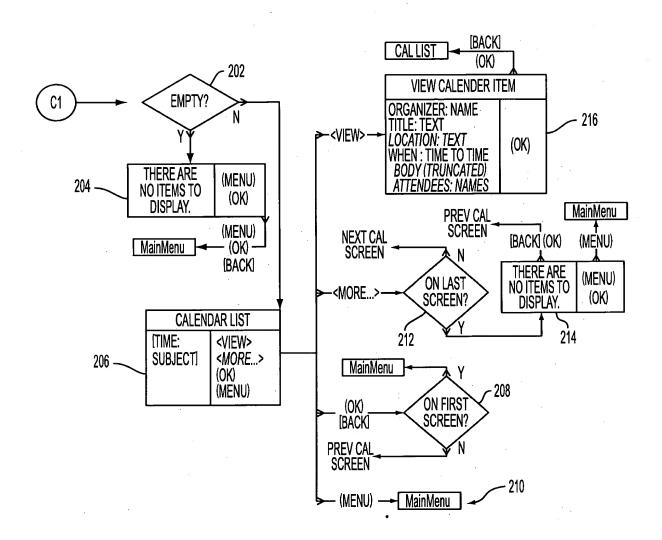
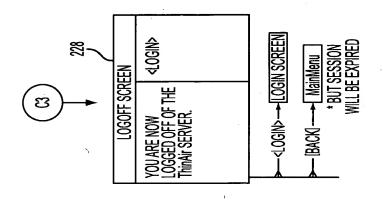


FIG. 10C-1

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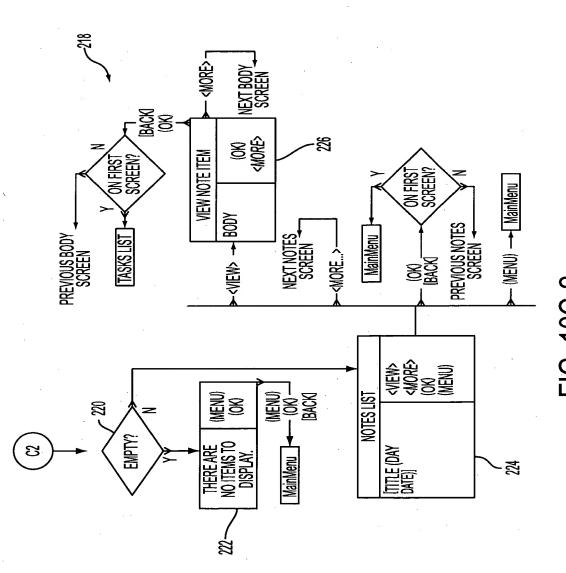
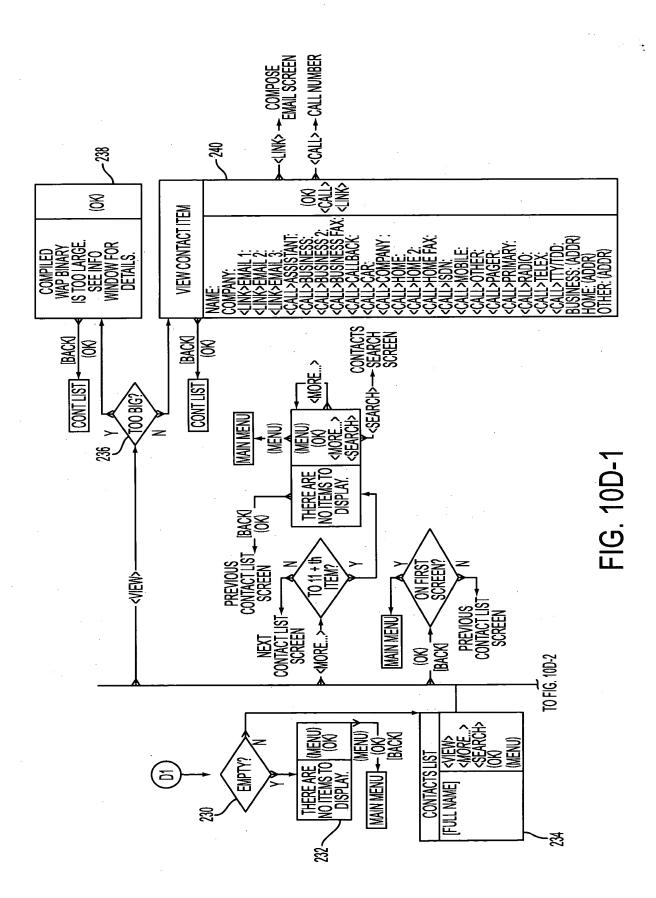


FIG. 10C-3

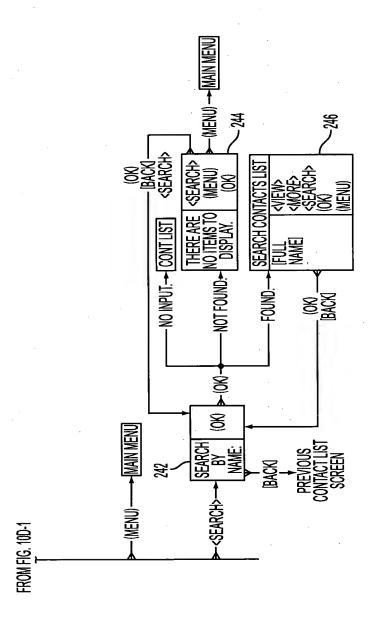
FIG. 10C-Z

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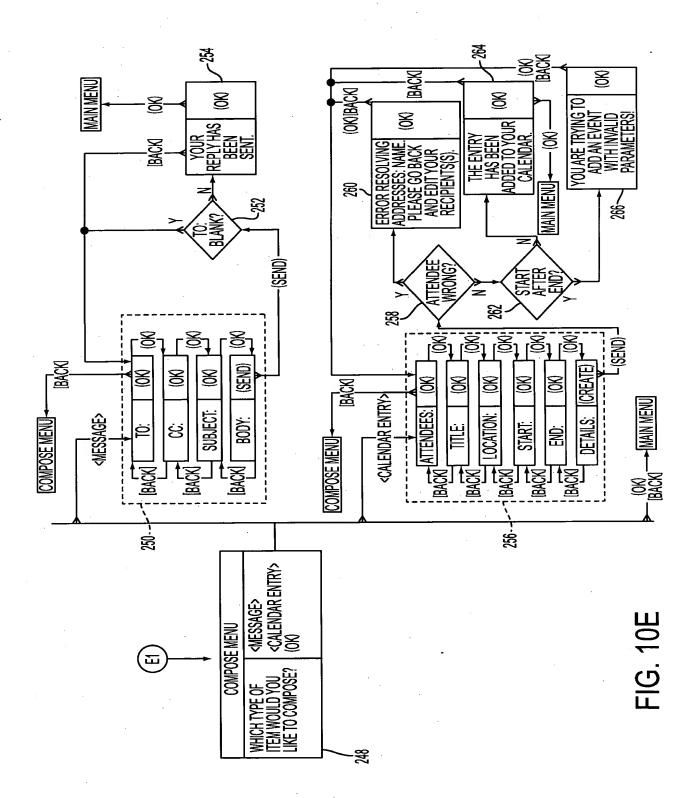
Inventors: Nathanial X. Freitas, et al.

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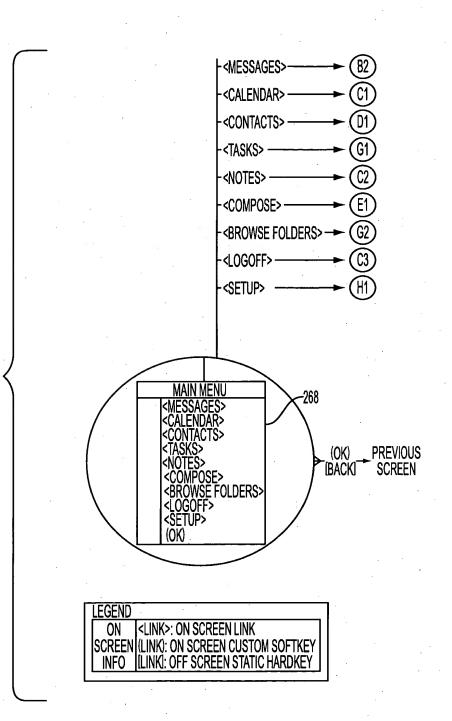


FIG. 10F

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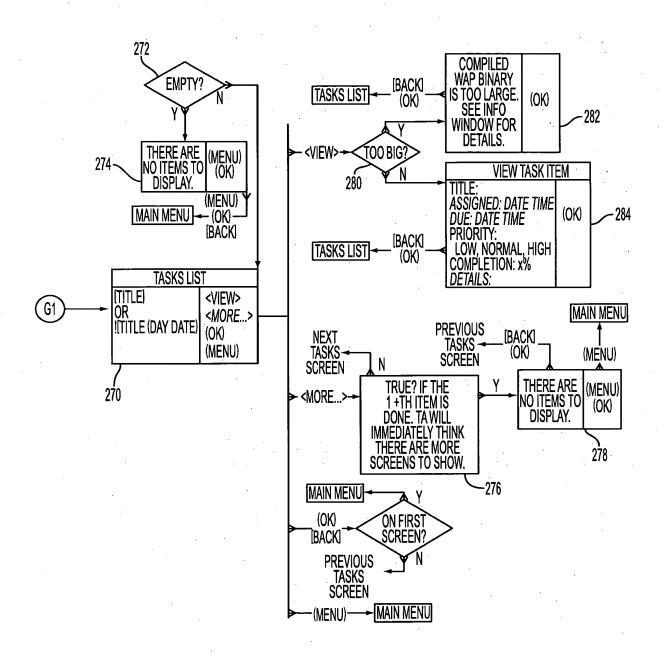
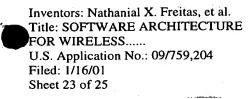
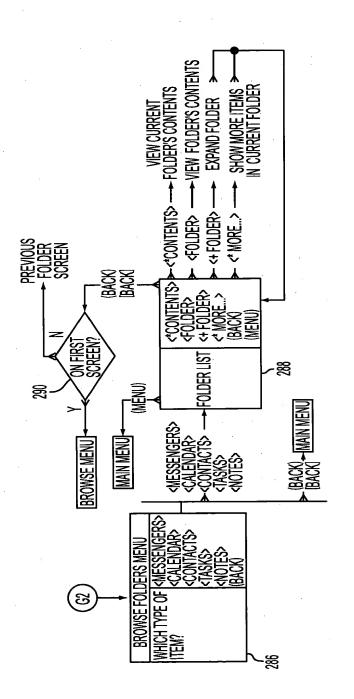


FIG. 10G-1





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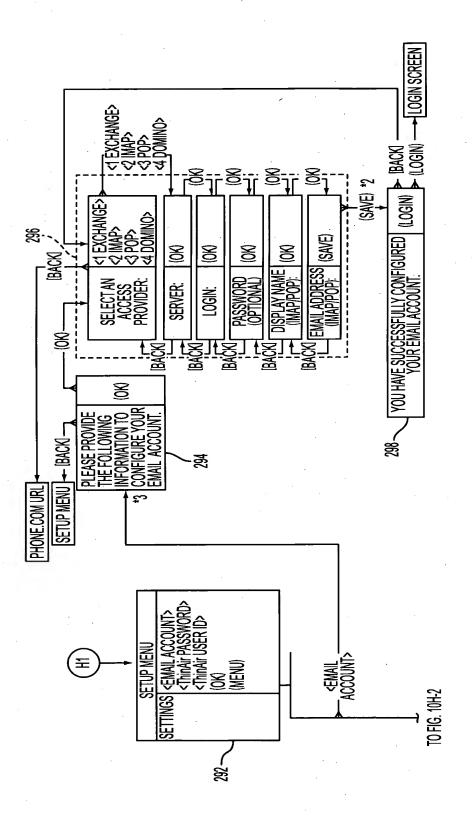


FIG. 10H-1

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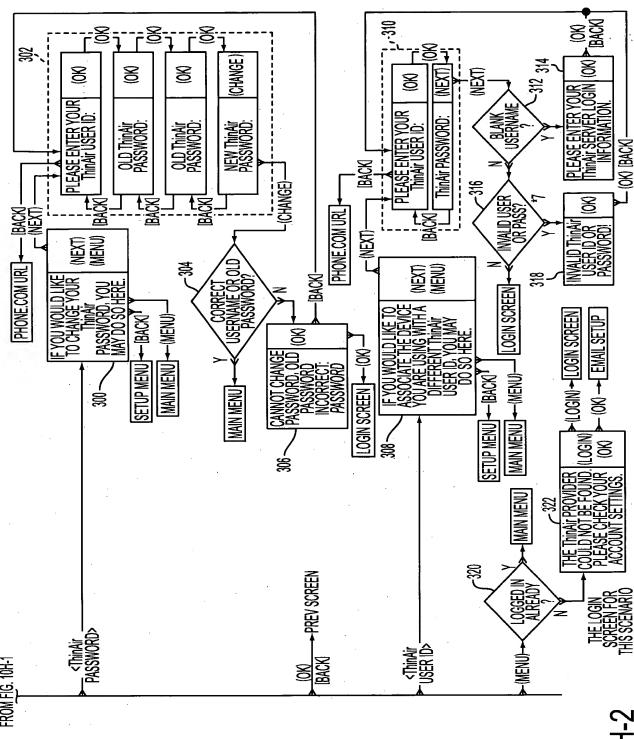


FIG 10H